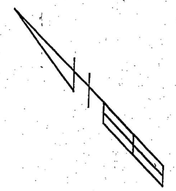
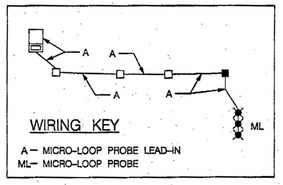


MD 24 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

WIRING DIAGRAM



PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 24 AND COLGATE DR./ OSBORNE PKWY. IN HARFORD COUNTY. THE WORK IS NECESSITATED BY THE CONSTRUCTION OF A SITE ACCESS THAT WILL DISRUPT BACK DETECTION ON THE NORTHBOUND MD 24 APPROACH.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL NOT CHANGE

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

MR. ERIN KUHN
ASSISTANT DISTRICT ENGINEER – TRAFFIC
(410) 321-2781/2785

MR. MICHAEL [illegible]
UTILITY ENGI[illegible]R
(410) 321-2841

MR. ANDRE FUTRELL
ASSISTANT DISTRICT ENGINEER – MAINTENANCE
(410) 321-2761

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

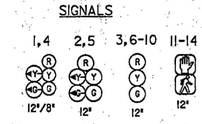
MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

MR. ED RODENHIZER
CHIEF OF SIGNAL OPERATIONS
(410) 787-7652

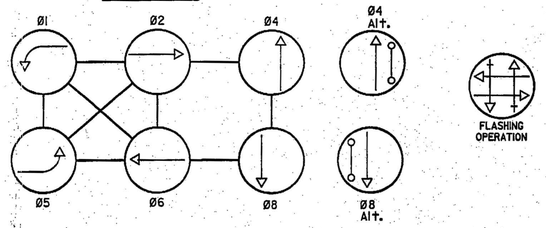
MR. EUGENE BAILEY
CHIEF OF SIGN OPERATIONS
(410) 787-7676

MS. DARLENE EIDE
CHIEF OF
SIGNAL SHOP WAREHOUSE
(410) 787-7668

SIGNALS

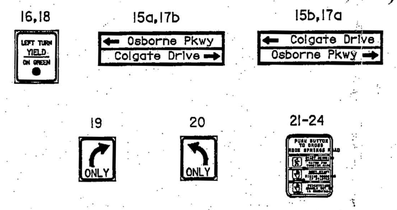


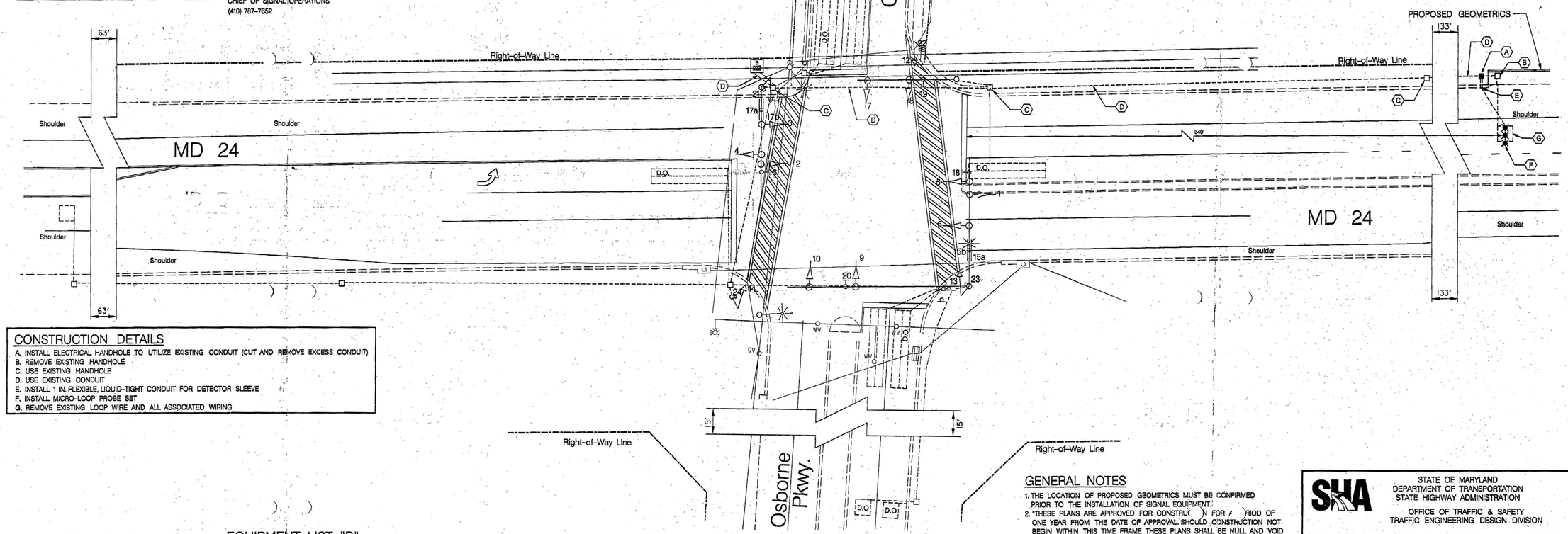
NEMA PHASING



PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

SIGNS





CONSTRUCTION DETAILS

A. INSTALL ELECTRICAL HANDHOLE TO UTILIZE EXISTING CONDUIT (CUT AND REMOVE EXCESS CONDUIT)
B. REMOVE EXISTING HANDHOLE
C. USE EXISTING HANDHOLE
D. USE EXISTING CONDUIT
E. INSTALL 1 IN. FLEXIBLE, LIQUID-TIGHT CONDUIT FOR DETECTOR SLEEVE
F. INSTALL MICRO-LOOP PROBE SET
G. REMOVE EXISTING LOOP WIRE AND ALL ASSOCIATED WIRING

GENERAL NOTES

1. THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
2. THESE PLANS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL. SHOULD CONSTRUCTION NOT BEGIN WITHIN THIS TIME FRAME THESE PLANS SHALL BE NULL AND VOID WITHOUT A REVIEW FROM THE TRAFFIC ENGINEERING DESIGN DIVISION.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
1 LS	MAINTENANCE OF TRAFFIC
1 EA	MICRO-LOOP PROBE, WITH 500 FT. LEAD IN CABLE
5 LF	1 IN DETECTOR SLEEVE GALVANIZED OR FLEXIBLE LIQUID TIGHT CONDUIT
1 EA	ELECTRICAL HANDHOLE
18 LF	SAW CUT FOR SIGNAL (LOOP DETECTOR)

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TRAFFIC CONCEPTS, INC.
325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS

TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

ORIGINAL ON FILE

REVISIONS

A	REPLACE NB MD 24 DETECTION DUE TO GEOMETRIC IMPROVEMENTS	
2-4-09	SHA NO. BW-[illegible]	
MR		

FILE PATH: M:\2400\2473\signal.dgn
DATE: Wednesday, February 04, 2009 AT 02:04 PM

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 AND COLGATE DR./ OSBORNE PKWY.

TRAFFIC SIGNAL / GENERAL INFORMATION PLAN

SCALE 1"=20' DATE 3-4-97 CONTRACT NO. XXXX

DESIGNED BY JOHN DIRNDORFER
DRAWN BY FRANK HOECKEL
CHECKED BY
F.A.P. NO. N/A

COUNTY HARFORD
LOGMILE 12024012\.82
T.I.M.S. NO.
TOD NO.

DRAWING NO. TS-3637 A

SHEET NO. 1 OF 1